BellSouth Telecommunications, Inc.
GPSC Docket No. 6863-U
Exhibit WNS-9

Telcordia
Test of BellSouth TAG 7.7.0.1 Integrated Pre-Order and Order capabilities including the use of Parsed Customer Service Record (CSR)

Table of Contents

1. Introduction

BellSouth engaged Telcordia Technologies to determine whether the integrated Pre-Order and Order capabilities of BellSouth Telecommunications Access Gateway (TAG) 7.7.0.1, including the Parsed Customer Service Record Query (CSRQ) capabilities, enable effective preordering and order integration by a service provider.

Telcordia used its Telcordia ™ Exchange Link[1] and Telcordia™ Virtual Front Office (VFO) offerings to investigate the Pre-Order and Order capabilities of TAG 77.01. Currently, Telcordia Exchange Link is operational in a production environment with TAG 7.5.0.12. Because the current version of Telcordia Exchange Link as well as TAG 7.5.0.12 do not support the parsed CSR capability and this capability is being made available by BellSouth in TAG 7.7.0.1, Telcordia set out to develop a pseudo CLEC test system ("Test System") by advanced software coding in the current Telcordia Exchange Link and Telcordia VFO offerings[2]. This pseudo CLEC Test System would enable a CLEC to:

- Submit a PCSRQ (Parsed Customer Service Record Query) Pre-Order to BellSouth
- Receive a PCSRR (Parsed CSR Response) from BellSouth
- Integrate the Parsed CSR Response data with the CLEC Ordering process.

The pseudo CLEC Test System was based on BellSouth LSOG 4 Business Rules and was developed by using only the publicly available BellSouth documentation that is available via their web site and change control process, and a question and answer process that is part of the BellSouth Change Control Process. Also, this Test System interfaced with TAG 7.7.0.1 in BellSouth CLEC Application Verification Environment (CAVE) and is hereby referred to as TAG Test Environment. As such, the Test System interfaced with the TAG Test Environment no differently than the systems of CLECs and their suppliers.

The fact that, Telcordia was able to effectively integrate Pre-Order and Order capabilities of BellSouth TAG 7.7.0.1 by using the Test System in conjunction with the Pre-Order and Order capabilities of the Tag Test Environment, demonstrates that the BellSouth Pre-Order and Order interface capabilities are adequate. In particular, Telcordia was able to submit a PCSRQ, receive and display the Parsed CSRQ response[3] from BellSouth, use the Pre-Order response data applicable to the Order to automatically pre-populate[4] the Order and receive a valid Firm Order Confirmation (FOC) and a Completion Notice.

Even though Telcordia VFO or Telcordia Exchange Link do not keep or store the parsed CSRQ response data, both Telcordia VFO and Telcordia Exchange Link maintain a history of all Orders in their data bases (including data pre-populated from the parsed CSRQ response) that can be used by a CLEC for any purpose, including any desired integration with the CLEC's other OSSs.

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[1] Telcordia™ Exchange Link and Telcordia VFO are software and services offerings directed at the CLEC market, that support a full suite of Local Interconnection capabilities (Pre-Order, LSRs and ASRs). Telcordia Exchange Link and Telcordia VFO has multiple CLECs as clients who use its capabilities to send both Pre-Order and Local Service Order requests to the ILECs with which they interface, including BellSouth. To date, Exchange Link has processed over 5M orders on behalf of its CLEC clients.

[2] The production versions of Telcordia Exchange Link and Telcordia VFO offerings will be upgraded to support TAG 7.7.0.1 in the near future.

[3] Except for very few repeatable fields, Telcordia displayed the entire parsed CSR response. For repeatable field, Telcordia displayed only the first occurrence.

[4] For the Test Case with Hunting, Hunt Group ID (HID) was automatically pre-populated. The remaining information pertaining to Hunting was manually populated and required relatively minimal effort.

2. Processes employed to utilize BellSouth Integrated Pre-Order and Order capabilities

2.1 Establish Telcordia ™ Exchange Link as the Pseudo CLEC

- Exchange Link is currently used by multiple CLECs to exchange both Pre-Order and Local Service Ordering Information with the various ILECs, including BellSouth. See Attachment A for the High-level architecture. CLECs may:
    - Use Telcordia™ Virtual Front Office (VFO) as their Order Entry System into Exchange Link, OR
    - Develop a Direct Interface between CLEC Front End Gateway and Exchange Link by supporting Exchange Link API.

- Exchange Link components include: (a) Service Manager that receives both Pre-Order & Order requests and performs applicable ILEC Business Rule validations, and (b) Service Manager 2 that provides protocol translations from the Service Manager protocol to the TAG Test Environment protocol (CORBA) and manages the communication process with the TAG Test Environment.

- Telcordia developed a Test System by using Telcordia VFO and Telcordia Exchange Link in a pseudo CLEC environment (using only the publicly available BellSouth documentation that is available via their web site and change control process, and a question and answer process that is part of the BellSouth Change Control Process) to:
    - .Issue a Pre-Order Request for a PCSRQ to the TAG Test Environment.Receive and display the Parsed CSRQ Response from the TAG Test Environment.
    - Using a subset of Parsed CSRQ response data applicable to a particular Order, automatically pre-populate the applicable Order and submit it to the TAG Test Environment.
    - Receive a valid FOC and Completion Notice.
    - Repeat these Steps for the following Orders (includes same Order types for different States within BellSouth territory):

	Request Type	REQTYP	Activity Type	Request Scenario
1	UNE-P	MB	Full Migration (V)	Full migration of business account with a calling feature and ERL = Y.
2	UNE-P	MB	Full Migration (V)	Full Migration of business account with a calling feature and ERL = Y.
3	Resale	EB	Full Migration (V)	Full migration of business account with call block and ERL = Y.
4	Resale	EB	Full Migration (V)	Full migration of business account with three way calling and ERL = Y.
5	Loop	AB	Full Migration (V)	Full migration of 3 lines to 3 SL1 loops
6	Loop	AB	Full Migration (V)	Conversion as specified – SL2 Loops
7	UNE-P	MB	Change (C)	LNA=C: Change to Port Loop

	Request Type	REQTYP	Activity Type	Request Scenario
				business account. Add Call Waiting.
8	UNE-P	MB	Change (C)	LNA=C: Change to Port Loop business account. Change PIC and LPIC.
9	UNE-P	MB	Partial migration as specified (P)	LNA=G: Partial Migration of Port Loop business account (one line) with features.
10	UNE-P	MB	Partial migration as specified (P)	LNA=V: Partial Migration of Port Loop business account (one line) with features.
11	UNE-P	MB	Full Migration (V)	LNA=G: Full Migration of Port Loop single business account with features.
12	UNE-P	MB	Full Migration (V)	LNA=V: Full Migration of Port Loop multi line business account adding new line, with features and hunting.

Telcordia estimates that there are approximately eighty-eight (88) unique fields on the PCSRR. Furthermore, during various phases of this Test. Telcordia received information in forty three (43) unique PCSRR fields and additionally utilized the information from thirteen (13) PCSRR fields[5] to automatically pre- populate appropriate sections of the Order.

2.2 Steps to establish Parsed CSRQ Functionality and Pre-Order and Order Integration in Telcordia Exchange Link and Telcordia VFO

Telcordia performed the activities described herein to implement its Pre-Order and Order capability that included the Parsed CSRQ functionality (based upon the BellSouth Parsed CSRQ requirements). The objective was to demonstrate the ability of a pseudo CLEC to engineer and implement a software system that could successfully interface with and integrate BellSouth's Pre-Order and Order capabilities.

The PCSRQ with parsed CSRQ response and Order functionality were implemented by using advanced coding within the existing Telcordia Exchange Link service and Telcordia VFO system. The hi-level architecture of Telcordia VFO and the Telcordia Exchange Link and its software components, Service Manager (SM) and Service Manager 2 (SM2) are presented in Attachment A. The list of Forms and information pre-populated in the applicable Order is contained in Attachment B.

Test Cases were executed in two phases. Test Cases 1 -6 described in the Table in Section 2.1 were implemented during December 2000 (Phase 1). Test Cases 7 - 12 described in the Table in Section 2.1 were implemented during January 2001(Phase 2).

[5] With appropriate modifications to Telcordia Exchange Link and/or Telcordia VFO, Telcordia estimates that approximately twenty (20) additional fields can be automatically pre-populated onto the appropriate sections of the Order. For more detail, please refer to Section 3 of this Report.

2.2.1 Define, Design and Build Phase

For both Phase 1 and Phase 2, the following describes the steps utilized, as applicable to define and design the requirements and interfaces, and develop the software necessary to implement the integrated Pre-Order and Order functionality in Exchange Link.

Step 1: Define Application Requirements for VFO, SM and SM2. Telcordia Exchange Link System Engineers' analyzed the BellSouth PCSRQ documentation and collateral that is available to all CLECs from BellSouth Change Control or the BellSouth Web Site:

- CLEC_CSR.doc
- PARSED CSR example -full.ppt
- CLECDATA.doc
- EXCPTS.xls
- PCQA1213.doc
- Pre-Order Business Rules, Issue 11E December 2001
- BBR-LO TCIF 9 / LSOG 4/ Version 9Q, September 28, 2001
- TAG API 7.7.0.1.

Step 2: Questions and clarifications were required and were addressed through multiple question and answer sessions that is part of the BellSouth Change Control Process. List of key questions and answers are in Attachment E.

Step 3: Determine base software release levels.

Step 4: Requirements document was created that defined the interfaces between VFO, SM and SM2 Usability Engineer developed updates to Telcordia VFO GUI.

Step 5: Telcordia Exchange Link and Telcordia VFO requirements were reviewed with the Telcordia System Engineers, Lead Tester, and Software developers for VFO, SM and SM2

Step 6: Based upon the finalized requirements, VFO, SM, and SM2 developers began coding.

- SM2 developer coded to TAG 7.7.0.1 API and defined SM ↔ SM2 interface for Request Message and Response Message.
- Based on Pre-Order and Order requests and response messages, SM developer coded the SM ↔ SM2 interface.
- Based on Pre-Order and Order requests and response messages, VFO developers coded to the changed GUI Forms. Note that the VFO Directory Form was not modified to support multiple occurrences of the Non Standard TN, Title2 and YP Heading Code for this effort.

2.2.2 Setup Test Environment and Exchange Link BellSouth Test Agreement

For both Phase 1 and Phase 2 and as applicable, the following identifies the steps undertaken by Telcordia for setting up the test bed to be used for interoperability testing of the Telcordia VFO and Telcordia Exchange Link components as well as application and functional testing with BellSouth.

Step 1: Identified Test Machines for VFO, SM and SM2

Step 2: As part of BellSouth CLEC certification process, identified the Electronic Interface Test Agreement that needed to be executed between Telcordia and BellSouth.

Step 3: Installed test environment with the required middleware software and updated versions of VFO, SM and SM2.

Step 4: Using the TAG simulator for PCSRQ response messages, the Telcordia developers performed interoperability testing between VFO, SM and SM2. The Telcordia developer initiated the Parsed CSRQ from VFO to SM, which mapped the request to the SM2 interface. SM2 mapped the request to the TAG 7.7.0.1 API. The TAG simulator sent a response message back to SM2, which mapped and forwarded the response to SM. SM mapped the response to the Telcordia Exchange Link interface and sent the response back to Telcordia VFO, which displayed it on the GUI. At each interface point between the components, the Telcordia developers would check that the interface was setup correctly. If necessary, they would work with the System and Usability Engineers to adjust the interface specification and VFO GUI Forms. For Phase 1, the interoperability testing started on December 12, 2001 and was completed on December 14, 2001. No additional interoperability testing was required for Phase 2.

Step 5: Entered into an Electronic Interface Test Agreement between Telcordia Exchange Link and BellSouth as such agreement is part of BellSouth CLEC certification process. This agreement was establish via a kickoff meeting with BellSouth to define the rules of testing with BellSouth and included Test Schedules, Test Scenarios, Test Cases, Test Case Data and formalization of Telcordia and BellSouth test support contacts. For Phase 1, the Electronic Interface Test Agreement was sent to Telcordia via email, signed by the Exchange Link Project Manager and sent back to the identified BellSouth contact via Fax and overnight mail. The conference call and signed Agreement was established on December 13, 2001. For Phase 2, an addendum to the Electronic Interface Test Agreement was executed on January 10, 2002.

Step 6: The Telcordia Exchange Link Lead Tester reviewed the Test Cases. Any clarifying questions from the Lead Tester were worked though the appropriate BellSouth point of contact (part of BellSouth CLEC certification process).

Step 7: The Telcordia Exchange Link and Telcordia VFO test environments were configured to connect to the TAG Test Environment. Network connectivity tests and Application-to-Application connectivity tests were performed between Telcordia and the TAG Test Environment to ensure that the systems were appropriately connected prior to executing the Test Scenarios.

Step 8: The Telcordia Test Lead setup the required configuration changes that were based upon the Test Scenarios and Test Case Data.

2.3 Pre-Order and Order Test Execution

For both Phase 1 and Phase 2 and as applicable, Telcordia performed the following steps in executing the Test Scenarios and Test Cases for Parsed CSRQ and Orders. Attachment C details the Test Scenarios and Test Cases.

Step 1: Telcordia Test Lead performed Application Testing. Application Testing consisted of sending twelve (12) Parsed CSRQ requests and receiving the appropriate response information. For each PCSRQ, Test Data was entered into the Telcordia VFO CSRQ Form, sent through to SM and then to SM2, and forwarded to the TAG Test Environment. For each PCSRQ, a response was sent by the TAG Test Environment to SM2, SM2 to SM and on to Telcordia VFO. The response information was displayed on the Telcordia VFO GUI. For Phase 1, Application Testing of Parsed CSRQ started on December 14, 2001 and completed on December 15, 2001. For Phase 2, Application Testing of Parsed CSRQ started on January 10, 2002 and completed on January 10, 2002. Attachment D contains the Final Test Status Report. Attachment F contains Telcordia VFO screen snap shots and shows examples of the PCSRQ and CSRQ Response Forms.

For Phase 1, the following is a list of some of the issues encountered by Telcordia in Telcordia Exchange Link and Telcordia VFO:

- Based on the Test Cases and Test Case Data, added additional CCNA values to the Telcordia Exchange Link and Telcordia VFO configurations.

- For the Service Address - BLDG, ROOM, several mapping issues were identified and resolved in SM.
- Because the current implementation of Telcordia Exchange Link and Telcordia VFO did not contain a complete list of USOCs, including FEATURE and FEATURE DETAIL, Telcordia Exchange Link was unable to process some USOCs while VFO was unable to display some USOCs. However, none of the missing data was needed or required by the Test Cases.
- Telcordia Exchange Link Interface from VFO is designed to support electronic interconnection with all ILECs it currently interfaces with, including BellSouth. As such, the Telcordia Exchange Link Interface encompasses fields that may not be required by BellSouth. Therefore, a SAST field was needed for processing within Telcordia Exchange Link and/or Telcordia VFO, even though such need was not identified in the Test Cases.
- Changes to SM interface versioning mapping were required for new response tags.

For Phase 2, the following is a list of some of the issues encountered by Telcordia in Telcordia Exchange Link and Telcordia VFO:

- Connection to the TAG Test Environment was timing out. In one scenario, Telcordia corrected the CLECID to resolve this problem. In another scenario, allocated additional storage space for some of the File Directories to resolve the problem.
- Connection to the TAG Test Environment was unstable. Contacted BellSouth (part of BellSouth Change Control Process) and were advised to upgrade the ORBIX application. As a result, Telcordia upgraded the ORBIX application and the connection became stable.

Step 2: Telcordia Test Lead performed Functionality Testing. Each Functionality Test (a) initiated a Parsed CSRQ, received the response in Telcordia VFO for display, (b) Pre-populated PCSRQ response data to the appropriate Telcordia VFO End User (EU), Port Service (PS) and Simple POTS Resale (RS) Order Forms, (c) added the specified and applicable test data to the Order Forms and submitted the Orders to the TAG Test Environment. For Phase 1, Functional Testing of Order Scenarios started on December 16, 2001 and ended on December 17, 2001. . For Phase 2, Functional Testing of Order Scenarios started on January 11, 2002 and ended on January 15, 2002. Attachment D contains the Final Test Status Report for the Order Test Case execution. Attachment G contains examples of Telcordia VFO screen snap shots of the Order status and the history of message transactions for the Order.

For Phase 1 and in Telcordia Exchange Link and Telcordia VFO, the following is a list of some of the issues encountered by Telcordia

- Corrected SM code to map multiple SVC Aggregate under Resale Service (RS) Aggregate.

For Phase 2 and in Telcordia Exchange Link and Telcordia VFO, the following is a list of some of the issues encountered by Telcordia

- Received a USOC of MFB on one of the customer accounts. This USOC was not in Telcordia Products and Services. Contacted BellSouth Change Control contact and were advised that this USOC was in effect as of January 5, 2002. Telcordia issued change control to correct its Products and Services USOCs.
- State code on PCSRQ input was not the same as returned by BellSouth in the parsed CSRQ response. SM used the State code on PCSRQ input to look up and/or validate the Products and Sercices USOCs. To avoid incorrect input of State code on PCSRQ request, SM will update its requirements to use the State Code returned on the PCSRQ response to look up and/or validate the Products and Services USOCs.
- Due to an error in the Reference Data Manger data used by both Telcordia Exchange Link and Telcordia VFO, DDSAT was not being mapped correctly. Corrected the Reference Data Manager data to address this issue.

3. Conclusion

As described herein, Telcordia was able to effectively integrate the Pre-Order and Order capabilities of TAG 7.7.0.1 by using pseudo CLEC Test System (based on BellSouth LSOG 4 Business Rules) with the BellSouth Pre-Order and Order capabilities of the TAG Test Environment. The pseudo CLEC Test System used an updated version of the currently available production version of Telcordia Exchange Link and Telcordia VFO offerings, and information which it obtained from BellSouth no differently than CLECs and their vendors.

Telcordia used Telcordia ™ Exchange Link and Telcordia™ VFO to develop the pseudo CLEC Test System. Currently, Telcordia Exchange Link is operational in a production environment with TAG 7.5.0.12. However, because the current version of Telcordia Exchange Link and TAG 7.5.0.12 do not support parsed CSR capability and this capability is being made available by BellSouth in the TAG Test Environment (TAG 7.7.0.1), Telcordia developed this Test System by advanced software coding in the current Telcordia Exchange Link and Telcordia VFO offerings[6]. As such, the Test System interfaced with the BellSouth Pre-Order and Order capabilities of the TAG Test Environment no differently than the systems of any CLEC and its suppliers.

The fact that, Telcordia was able to effectively integrate Pre-Order and Order capabilities of BellSouth TAG 7.7.0.1 by using the Test System in conjunction with the Pre-Order and Order capabilities of the Tag Test Environment, demonstrates that the BellSouth Pre-Order and Order interface capabilities are adequate. In particular, Telcordia initiated multiple PCSRQ Pre-Orders to the TAG Test Environment; the TAG Test Environment accepted these PCSRQ Pre-Orders and returned Parsed CSRQ responses. In the Test cases executed by Telcordia, the parsed CSR response consisted of approximately thirty (30) to forty (40) fields, even though each field may contain additional data detailing the particulars of a Customer Service Record. Across all Test Cases, the parsed CSR response consisted of forty-three (43) unique fields (Attachment B identifies all of the unique fields received on the PCSRR). The data returned on the Parsed CSRQ response[7] was accurately displayed on the Telcordia VFO GUI (Graphical User Interface). The Parsed CSRQ data on the response applicable to the Order was also successfully used to automatically pre-populate[8] the appropriate fields on subsequent Orders to the TAG Test Environment.

Across all Test Cases, thirteen (13) unique PCSRR fields were automatically pre-populated on the Orders (Attachment B identifies all of the unique PCSRR fields automatically pre-populated on the applicable Order). In particular, for the Directory Listing data, Telcordia VFO uses the LTN field as the basis and trigger for automatic pre-population of Directory Data to the applicable Order. Because an LTN was not explicitly populated on the PCSRR, Telcordia VFO did not allow for any automatic pre-population of Directory Listing Data. However, BellSouth Change Control Process specifies a mechanism to derive the LTN from the PCSSR when none is explicitly specified. As such, future modification to either Telcordia Exchange Link or Telcordia VFO should allow Telcordia to derive the LTN from the PCSRR and thereby accommodate automatic pre-population of Directory Listing data. Furthermore, Telcordia estimates that the aforementioned modifications should result in approximately twenty (20) additional fields on the PCSRR that may be automatically pre-populated onto the appropriate sections of the Order.

Furthermore, using the response data from the Parsed CSRQ responses, Port-Loop Combo (including Complex Order with Hunting), Simple POTS Resale, and Loop Migration Orders were all successfully processed with the TAG Test Environment 7.7.0.1 (received a valid Firm Order Confirmation (FOC) and a Completion Notice for each Order).

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[6] The production versions of Telcordia Exchange Link and Telcordia VFO offerings will be upgraded to support TAG 7.7.0.1 in the near future.

[7] Except for very few repeatable fields, Telcordia displayed the entire parsed CSR response. For repeatable field, Telcordia displayed only the first occurrence.

[8] For the Test Case with Hunting, Hunt Group ID (HID) was automatically pre-populated. The remaining information pertaining to Hunting was manually populated.

Telcordia VFO or Telcordia Exchange Link do not keep or store the parsed CSRQ response data. However, both Telcordia VFO and Telcordia Exchange Link maintain a history of all Orders in their data bases (which includes data pre-populated from the parsed CSRQ response) that can be used by a CLEC for any purpose, including any desired integration with CLEC's other OSSs.

3.1 BellSouth Documentation: Issues and Challenges

The following is a list of the issues identified by Telcordia and successfully resolved:

- On or around December 8th, 2001, the Pre-Order Business Rules document, Issue 11E December 2001, was not available from the BellSouth Web Site. Telcordia contacted BellSouth Change Control Contacts for the CLECs and obtained the aforementioned document such that Telcordia was able to continue the work effort described herein without any significant impact on the schedule or the scope of the work effort. Furthermore, on or around December 15, 2001, this document was posted on the BellSouth Web Site.
- PORTTYP tag was required by BellSouth but missing. Telcordia obtained this information through BellSouth Change Control Process.
- Telcordia systems engineers required clarification from BellSouth on the following twelve (12) questions. A more detailed description of these questions and BellSouth responses is provided in Attachment E.
    1. What is the maximum length for a Parsed CSR "block of data"?
    2. What fields are required/optional/conditional for CLEC input to TAG 7.7.0.1 for Parsed CSR?
    3. Are AN/ATN interchangeable?
    4. On all references to aggregate being (0,N) times, what does N represent?
    5. Since an entire parsed CSR can not exceed 1MB, what is the maximum field length for a number of fields?
    6. On Page 3-22 of TAG API Guide 7.7.0.1, no Company Code is listed. Do CLECs need to send Company Code?
    7. If the TT field in the proper spot in the TAG API?
    8. Should the HID tag be shown in two places (S&E Section Information and S&E: WTN Section)?
    9. Is TXTYP echoed back?
    10. DTK is notshown in the repeatable list like DRTI, DTGN etc. Is this correct?
    11. In the context of Q # 2 & 3 above, what is required to initiate a query for parsed CSR?
    12. For REQTYP = MB, no reference to PORTTYP tag for ACT or LNA?

3.2 BellSouth Test Environment: Issues and Challenges

For Phase 1, Telcordia did not encounter any significant issues or challenges. During inter-operability testing, Telcordia received an "invalid Password error message". With BellSouth assistance, Telcordia was successful in correcting its password.

For Phase 2, Telcordia encountered the following issues:

- Received an error on one of the PCSRQ test case indicating that BellSouth could not provide information on the requested accounts. After investigation by BellSouth Change Control contact, BellSouth discovered that the OCN database needed to be corrected. BellSouth corrected the OCN database.
- On certain test cases, Telcordia received WTN {TN = 0000000000} with USOC associated with TN = 0000000000. The BellSouth Change Control Process specifies that this capability is part of the design of the PCSRR to allow parsing of features in the account level data where the feature is not associated with a specific WTN (Working Telephone Number) Because this information was not required for the execution of the test cases, SM was modified by Telcordia to "Not Map" this information to the response going back to VFO.

Currently, Telcordia Exchange Link and Telcordia VFO require the presence of a valid Working Telephone Number associated with each type of account level information, however, this information was not required for the execution of the Test Cases. A future modification to either Telcordia Exchange Link or Telcordia VFO should allow Telcordia to derive the Working Telephone Number from the PCSRR and thereby accommodate this type of account level information.

- One of the PCSRQ requests was timing out. The Due Date Calculation Module in the TAG Test Environment was not running properly. BellSouth took appropriate action to correct the problem.

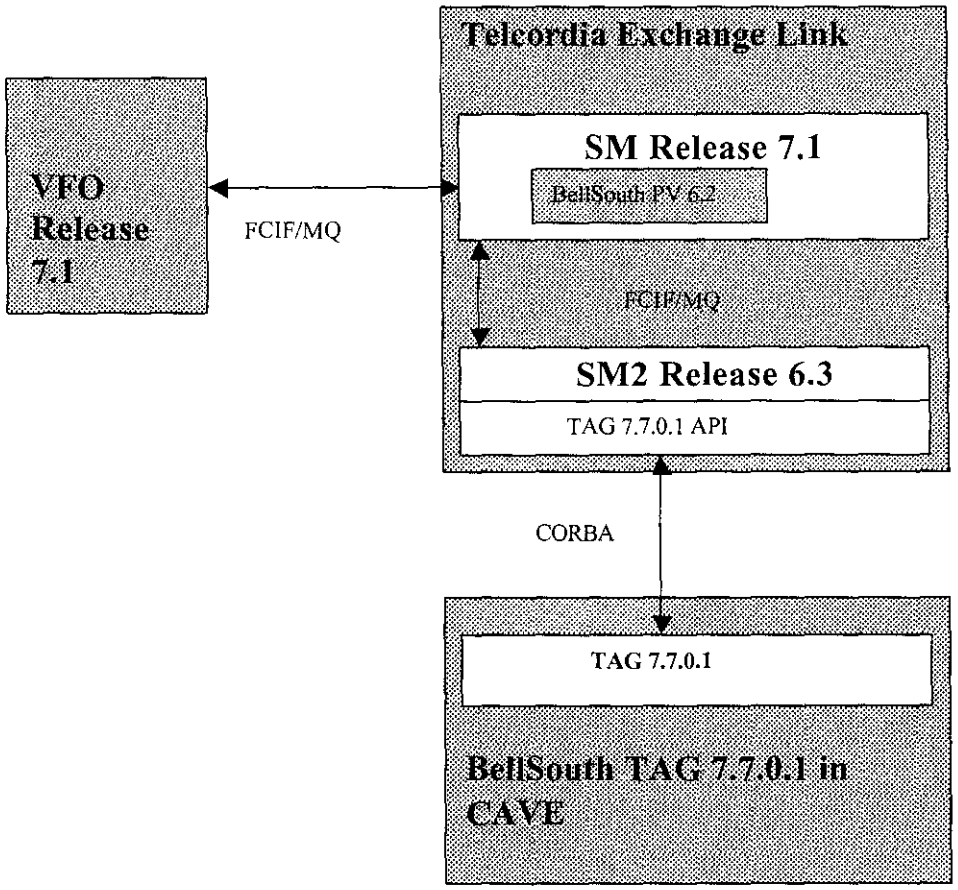
Attachments for Telcordia Test of BellSouth TAG 7.7.0.1 Integrated Pre-Order and Order capabilities including the use of Parsed Customer Service Record (CSR)

Demonstration of TAG 7.7.0.1 Order & Pre-Order Integration Capability using Parsed CSR Response (January 2002)

Table of Contents

4. Attachment A

4.1 High-level Exchange Link Component Architecture Diagram



5. Attachment B

5.1 Summary

The table below provides a summary of all parsed fields received on a PCSRR and further identifies the applicable parsed fields used to automatically pre-populate the appropriate Test Case Orders. In particular, Telcordia estimates that there are approximately eighty-eight (88) parsed fields on the PCSRR. For the Test Cases executed by Telcordia, only forty-three (43) parsed fields were received and additionally thirteen (13) unique fields were utilized to automatically pre-populate the appropriate sections of the Orders[1].

FIELD NAME	PARSED FIELDS RETURNED IN TEST CASES	PARSED FIELDS USED TO PRE-POPULATE TEST CASES	TEST CASE NUMBERS WHERE DATA WAS PRE-POPULATED	NOTES
INQNUM	X			Used for "handshake" only
TXTYP				Used for "handshake" only
DT-SENT	X			Used for "handshake" only
TM-SENT	X			Used for "handshake" only
CC				
ATN	X			
AN				
WTN	X	X	1,2,3,9,10,11,12	
TERS				
BCS	X			
BLDG-EU				
ROOM-EU				
SANO	X	X	ALL	
SASF				
SASD	X	X	9	
SASN	X	X	ALL	
SALOC				
SATH	X	X	ALL	
SASS	X	X	6	
CITY-EU	X	X	ALL	

[1] In particular, for the Directory Listing data, Telcordia VFO uses the LTN field as the basis and trigger for automatic pre-population of Directory Data to the applicable Order. Because an LTN was not explicitly populated on the PCSRR, Telcordia VFO did not allow for any automatic pre-population of Directory Listing Data. However, BellSouth Change Control Process specifies a mechanism to derive the LTN from the PCSSR when none is explicitly specified. As such, future modification to either Telcordia Exchange Link or Telcordia VFO should allow Telcordia to derive the LTN from the PCSRR and thereby accommodate automatic pre-population of Directory Listing data. In such scenario, Telcordia estimates that twenty (20) additional parsed fields become candidates for automatic pre-population onto the Order.

Demonstration of TAG 7.7.0.1 Order & Pre-Order Integration Capability using Parsed CSR Response (January 2002)

FIELD NAME	PARSED FIELDS RETURNED IN TEST CASES	PARSED FIELDS USED TO PRE-POPULATE TEST CASES	TEST CASE NUMBERS WHERE DATA WAS PRE-POPULATED	NOTES
STATE-EU	X			For order creation in VFO the state is already selected.
ZIP CODE-EU	X	X	1,2,5,7,8,9,10,11,12	
FLOOR-EU				
SADLO				
PIC	X	X	1,2,3,4,9,10,11,12	
LPIC	X	X	1,2,3,4,9,10,11,12	
FPI	X			This field can be pre-populated by VFO but Test Cases provided did not require FPI Field.
ECCKT				
SSIG				
FEATURE	X	X	2,4	
FEATURE DETAIL	X			For Test Case provided,none of the features being added required Feature Detail..
PULSE				
BLOCK	X	X	3	
CUSCODE				
DTK				
DTGN				
DRTI				
DTLI				
DTKID				
HID	X	X	12	
RTY	X			See Note at the end of this Table.
LTN				
NSTN				
TT-TDD				
DML				
LTY	X			See Note at the end of this Table.
LNLN	X			See Note at the end of this Table.
LNFN	X			See Note at the end of this Table.
NICK				
TL				
TITLE1				
TITLE2				
PLA				

Demonstration of TAG 7.7.0.1 Order & Pre-Order Integration Capability using Parsed CSR Response (January 2002)

FIELD NAME	PARSED FIELDS RETURNED IN TEST CASES	PARSED FIELDS USED TO PRE-POPULATE TEST CASES	TEST CASE NUMBERS WHERE DATA WAS PRE-POPULATED	NOTES
DES				
WPP				
DIRSUB				
DIRTYP	X			See Note at the end of this Table.
DIRQTYA	X			See Note at the end of this Table.
REMARKS				
LAPR				
LANO	X			See Note at the end of this Table.
LASF				
LASD	X			See Note at the end of this Table.
LASN	X			See Note at the end of this Table.
LATH	X			See Note at the end of this Table.
LASS				
LALO				
LALOC	X			See Note at the end of this Table.
LAST				
LAZC				
LTXTY				
LTEXT				
YPH	X			See Note at the end of this Table.
SIC	X			See Note at the end of this Table.
ADI				
DIRNAME				
DLNM				
BRO				
OMSD				
ALI				
NAME-DEL	X			See Note at the end of this Table.
DDAPR				
DDANO	X			See Note at the end of this Table.
DDASF				
DDASD				
DDASN	X			See Note at the end of this Table.
DDATH	X			See Note at the end of this Table.
DDASS				
DDALO				
DDALOC	X			See Note at the end of this Table.

FIELD NAME	PARSED FIELDS RETURNED IN TEST CASES	PARSED FIELDS USED TO PRE-POPULATE TEST CASES	TEST CASE NUMBERS WHERE DATA WAS PRE-POPULATED	NOTES
DDAST	X			See Note at the end of this Table.
DDAZC	X			See Note at the end of this Table.

NOTE: For the fields noted in the Table, the current design of Telcordia Exchange Link and Telcordia VFO did not accommodate automatic pre-population of the fields into appropriate sections of the Order. However, BellSouth Change Control Process specifies a mechanism that will provide the necessary basis and the trigger to automatically pre-populate these fields onto the Order. Based on this, future modifications to Telcordia Exchange Link and/or Telcordia VFO should accommodate automatic pre-population f these fields onto appropriate sections of the Order.

5.2 Order Pre-Popuation Forms & Fields (Phase 1 and Phase 2)

1. Loop/Port Combo Order Pre-population
   - The following Order forms/fields were pre-populated from the CSRQ Response data:
     - End User Form
       - House No.
       - Street Name
       - Thoroughfare
       - Street Directional
       - Street Suffix
       - Block
       - Locality/City
       - Zip Code
     - Port Form
       - List of TNs
       - PIC
       - LPIC
       - Freeze PIC
       - Feature
       - Block
     - LSR Form
       - Hunt Group ID
2. Resale Order Pre-population
   - The following Order forms/fields were pre-populated from the CSRQ Response data:
     - End User Form
       - House No.
       - Street Name
       - Thoroughfare
       - Street Directional
       - Street Suffix
       - Block
       - Locality/City
       - Zip Code
     - Resale Form
       - List of TNs
       - PIC

- LPIC
- Freeze PIC

3. Loop Migration Order Pre-population

- The following Order forms/fields were pre-populated from the CSRQ Response data:
  - End User Form
    - House No.
    - Street Name
    - Thoroughfare
    - Street Directional
    - Street Suffix
    - Block
    - Locality/City
    - Zip Code

6. Attachment C

Section 6.1 through Section 6.6 details the Test Cases associated with Phase 1; Section 6.7 through Section 6.12 details the Test Cases associated with Phase 2. All fields pre-populated are identified with an (√).

6.1 Test Case 1: Port & Loop Combo---Conversion As Specified

Full Migration of business account with a calling feature.

FIELDS	DEFINITIONS	INPUT
CCNA	Customer Carrier Name Abbreviation	ZXL
PON	Purchase Order Number	CAVELINK1
ATN	Account Telephone Number	5619247960
EATN	Existing Account Telephone Number	5619247960
SC	Service Center	LCSC
DT/Sent	Date Sent	Current or future date
DDD	Desired Due Date	Requested date of service
REQTYP	Request Type	MB
ACT	Activity Type	V
CC	Company Code	9999
TOS	Type of service	Single line business measured
PQTY	Port Quantity	001
CIC	Carrier ID Code	5124
ERL	Retain End User Listing	Y
BAN1	Billing Account Number I	E
INIT	Initiator	Your name
Tel No INIT	Telephone Number INIT	Your telephone number
Fax No INIT	Fax No INIT	Your fax number
IMPCON	Implementation Contact	Name
Tel No IMPCON	Telephone Number IMPCON	Telephone number
Name-EU	Name End User	Test Account
SANO	Service Address House Number	1√
SASN	Service Address Street Name	Clec Test Bed√
SATH	Service Address Thoroughfare	Rd√
City -EU	City End User Address	Path√
State - EU	State End User Address	FL
Zip Code - EU	Zip Code End User Address	33483√
LNUM	Line Number	00001
TNS	Telephone Numbers	5619247960√
LNA	Line Activity	G
PIC	Pre-designated Inter-exchange Carrier	NONE√
LPIC	Pre-designated Local Carrier	NONE√
FEATURE ACTIVITY	Feature Activity	N
FEATURE	Feature	ESC

6.2 Test Case 2: Port & Loop Combo---Conversion As Specified

Full Migration of business account with a calling feature.

FIELDS	DEFINITIONS	INPUT
CCNA	Customer Carrier Name Abbreviation	ZXL
PON	Purchase Order Number	CAVELINK2
ATN	Account Telephone Numb er	7316585846
EATN	Existing Account Telephone Number	7316585846
SC	Service Center	LCSC
DT/Sent	Date Sent	Current or future date
DDD	Desired Due Date	Requested date of service
REQTYP	Request Type	MB
ACT	Activity Type	V
CC	Company Code	9999
TOS	Type of service	Single line business measured
PQTY	Port Quantity	001
CIC	Carrier ID Code	5124
ERL	Retain End User Listing	Y
BAN1	Billing Account Number 1	E
INIT	Initiator	Your name
Tel No INIT	Telephone Number INIT	Your telephone number
Fax No INIT	Fax No INIT	Your fax number
IMPCON	Implementation Contact	Name
Tel No IMPCON	Telephone Number IMPCON	Telephone number
Name-EU	Name End User	Test Account
SANO	Service Address House Number	1√
SASN	Service Address Street Name	Clec Test Bed √
SATH	Service Address Thoroughfare	Rd√
City -EU	City End User Address	Henderson√
State - EU	State End User Address	TN
Zip Code - EU	Zip Code End User Address	37010√
LNUM	Line Number	00001
TNS	Telephone Numbers	7316585846√
LNA	Line Activity	G
PIC	Pre-designated Inter-exchange Carrier	NONE√
LPIC	Pre-designated Local Carrier	NONE√
FEATURE ACTIVITY	Feature Activity	N
FEATURE	Feature	CREX4√

6.3 Test Case 3: Resale---Conversion As Specified

Full Migration of business account with a call block.

FIELDS	DEFINITIONS	INPUT
CCNA	Customer Carrier Name Abbreviation	ZXL

FIELDS	DEFINITIONS	INPUT
PON	Purchase Order Number	CAVELINK3
ATN	Account Telephone Number	7709469511
EATN	Existing Account Telephone Number	7709469511
SC	Service Center	LCSC
DT/Sent	Date Sent	Current or future date
DDD	Desired Due Date	Requested date of service
REQTYP	Request Type	EB
ACT	Activity Type	V
CC	Company Code	9999
TOS	Type of service	Single line business flat
PQTY	Port Quantity	001
CIC	Carrier ID Code	5124
ERL	Retain End User Listing	Y
BAN1	Billing Account Number 1	E
INIT	Initiator	Your name
Tel No INIT	Telephone Number INIT	Your telephone number
Fax No INIT	Fax No INIT	Your fax number
IMPCON	Implementation Contact	Name
Tel No IMPCON	Telephone Number IMPCON	Telephone number
Name-EU	Name End User	Test Account
SANO	Service Address House Number	1√
SASN	Service Address Street Name	Clec Test Bed √
SATH	Service Address Thoroughfare	Rd√
City -EU	City End User Address	Hmptn√
State - EU	State End User Address	GA
Zip Code - EU	Zip Code End User Address	30228√
LNUM	Line Number	00001
TNS	Telephone Numbers	7709469511√
LNECLSSVC	Line Class of Service	1FB
LNA	Line Activity	G
PIC	Pre-designated Inter-exchange Carrier	NONE√
LPIC	Pre-designated Local Carrier	NONE√
BLOCK ACTIVITY	Block activity	A
BLOCK	Block	A√

6.4 Test Case 4: Resale---Conversion As Specified

Full Migration of business account with a call block.

FIELDS	DEFINITIONS	INPUT
CCNA	Customer Carrier Name Abbreviation	ZXL
PON	Purchase Order Number	CAVELINK4
ATN	Account Telephone Number	6016791658
EATN	Existing Account Telephone Number	6016791658

FIELDS	DEFINITIONS	INPUT
SC	Service Center	LCSC
DT/Sent	Date Sent	Current or future date
DDD	Desired Due Date	Requested date of service
REQTYP	Request Type	EB
ACT	Activity Type	V
CC	Company Code	9999
TOS	Type of service	Single line business flat
PQTY	Port Quantity	001
CIC	Carrier ID Code	5124
ERL	Retain End User Listing	Y
BAN1	Billing Account Number 1	E
INIT	Initiator	Your name
Tel No INIT	Telephone Number INIT	Your telephone number
Fax No INIT	Fax No INIT	Your fax number
IMPCON	Implementation Contact	Name
Tel No IMPCON	Telephone Number IMPCON	Telephone number
Name-EU	Name End User	Test Account
SANO	Service Address House Number	1√
SASN	Service Address Street Name	Clec Test Bed
SATH	Service Address Thoroughfare	Rd√
City -EU	City End User Address	NAS√
State - EU	State End User Address	MS
Zip Code - EU	Zip Code End User Address	39335√
LNUM	Line Number	00001
TNS	Telephone Numbers	6016791658√
LNA	Line Activity	G
LNECLSSVC	Line class of service	1FB
PIC	Pre-designated Inter-exchange Carrier	NONE√
LPIC	Pre-designated Local Carrier	NONE√
FEATURE ACTIVITY	Feature Activity	N
FEATURE	Feature	ESC
FEATURE ACTIVITY	Feature Activity	N
FEATURE	Feature	1TB√

6.5 Test Case 5: Loop-Full Migration

3 lines to 3 SL1 Loops.

FIELDS	DEFINITIONS	INPUT
CC	Company Code	9999
PON	Purchase order number	CAVELINK5
CCNA	Customer Carrier Name Abbreviation	ZXL
CIC	Carrier Identification Code	5124
REQTYP	Requisition Type and Status	AB
ACT	Activity Type	V
TOS	Type of Service	Business Multi-line
SC	Service Center	LCSC

FIELDS	DEFINITIONS	INPUT
AN	Account Number	662M448104
ACTL	Access Customer Terminal Location	BLDWMSMFDS1
NC	Network Channel Code	TY--
LSO	Local Serving Office	662365
DDD	Desired Due Date	the desired due date
D/Sent	Date Sent	today's date or later
Initiator Contact Name	Name of person entering data	your name
Initiator Contact Number	Number of person entering data	your telephone number
Initiator Fax No	Initiator Fax No	your data
IMPCON	Implementation Contact	your data
IMPCON TEL-No	Implementation Telephone Number	your data
ACNA	Access Customer Name Abbreviation	ZXL
BAN1	Billing Account Number	E
End User	End User Name	Test Account
SANO	Service Address House Number	1√
SASN	Service Address Street Name	Clec Test Bed√
SATH	Service Address Thoroughfare	Rd√
City-EU	City End User	Baldwyn√
State-EU	State End User	MS
Zip Code-EU	Zip Code End User	38824√
LNUM	Line Number	00001
LNA	Line Activity	V
DiscNumber	Disconnect Number	6623657097
Cable ID	Cable Identification	VZXL1
Chan Pair	Channel/Pair	13
LNUM	Line Number	00002
LNA	Line Activity	V
DiscNumber	Disconnect Number	6623655082
Cable ID	Cable Identification	VZXL1
Chan Pair	Channel/Pair	14
LNUM	Line Number	00003
DiscNumber	Disconnect Number	6623657547
LNA	Line Activity	V
Cable ID	Cable Identification	VZXL1
Chan Pair	Channel/Pair	15
EATN	Existing Account Telephone Number	6623657097
LQTY	Loop Quantity	003

6.6 Test Case 6: Loop-Conversion as Specified

SL2

FIELDS	DEFINITIONS	INPUT
CC	Company Code	9999
PON	Purchase order number	CAVELINK6
CCNA	Customer Carrier Name Abbreviation	ZXL

Demonstration of TAG 7.7.0.1 Order & Pre-Order Integration Capability using Parsed CSR Response (January 2002)

FIELDS	DEFINITIONS	INPUT
CIC	Carrier Identification Code	5124
REQTYP	Requisition Type and Status	AB
ACT	Activity Type	V
SC	Service Center	LCSC
TOS	Type of Service	Business multi
AN	Account Number	404N070042
ACTL	Access Customer Terminal Location	PWSPGAAS94A
NC	Network Channel Code	LY--
NCI	Network Channel Interface Code	02QC2.OOD
SECNCI	Secondary Network Channel Interface Code	02LS2
LSO	Local Serving Office	404633
DDD	Desired Due Date	desired due date
D/Sent	Date Sent	today's date or later
Initiator Contact Name	Name of person entering data	name
Initiator Contact Telephone number	Number of person entering data	telephone number
Initiator Fax Number	Fax number of person entering data	your fax number
IMPCON	Implementation Contact	Name
INPCON TEL-NO	Implementation Contact Telephone number	Telephone number
ACNA	Access Customer Name Abbreviation	ZXL
BAN1	Billing Account Number	404N070042042
LQTY	Loop Quantity	002
End User Name	End User Name	Klingon Empire
SANO	Service Address House Number	2204√
SASN	Service Address Street Name	Lavista√
SATH	Service Address Thoroughfare	Rd√
SASS	Service Address Street Suffix	NE√
END USER CITY	City	Atlanta√
END USER STATE	State	GA
END USER ZIP CODE	Zip Code	30329√
EATN	Existing Telephone Number	4046331750
LNUM	Line Number	00001
LNA	Line Activity	V
DISC NUMBER	Disconnect Number	4046331750
Cable ID	Cable Identification	PSAW2
Chan Pair	Channel/Pair	10
LNUM	Line Number	00002
LNA	Line activity	V
DISC NUMBER	Disconnect Number	4046334693
Cable ID	Cable Identification	PSAW2
Chan Pair	Channel/Pair	11

6.7 Test Case # 7: Port & Loop Combo –ACT=C & LNA=C

FIELDS	DEFINITIONS	INPUT
CCNA	Customer Carrier Name Abbreviation	ZXL
PON	Purchase Order Number	CAVEEXCCASE1
ATN	Account Telephone Number	5022553917
SC	Service Center	LCSC
DT/Sent	Date Sent	Current or future date
DDD	Desired Due Date	Requested date of service
REQTYP	Request Type	MB
ACT	Activity Type	C
CC	Company Code	9999
TOS	Type of service	1B-
PQTY	Port Quantity	001
PORTTYP	Port Type	L
CIC	Carrier ID Code	5124
BAN1	Billing Account Number 1	E
INIT	Initiator	Your name
Tel No INIT	Telephone Number INIT	Your telephone number
Fax No INIT	Fax No INIT	Your fax number
IMPCON	Implementation Contact	Your Name
Tel No IMPCON	Telephone Number IMPCON	Your Telephone number
Name-EU	Name End User	Test Account
SANO	Service Address House Number	1√
SASN	Service Address Street Name	Clec Test Bed√
SATH	Service Address Thoroughfare	Rd√
City -EU	City End User Address	Bedford√
State - EU	State End User Address	KY
Zip Code - EU	Zip Code End User Address	40045√
LNUM	Line Number	00001
TNS	Telephone Numbers	5022553917
LNA	Line Activity	C
FEATURE	Feature being added	ESX
FEATURE ACTIVITY	Type of Feature Activity	N

6.8 Test Case # 8: Port & Loop Combo –ACT=C & LNA=P

FIELDS	DEFINITIONS	INPUT
CCNA	Customer Carrier Name Abbreviation	ZXL
PON	Purchase Order Number	CAVEEXCCASE2
ATN	Account Telephone Number	5022554130
SC	Service Center	LCSC
DT/Sent	Date Sent	Current or future date
DDD	Desired Due Date	Requested date of service
REQTYP	Request Type	MB
ACT	Activity Type	C

FIELDS	DEFINITIONS	INPUT
CC	Company Code	9999
TOS	Type of service	1B-
PQTY	Port Quantity	001
PORTTYP	Port Type	L
CIC	Carrier ID Code	5124
BAN1	Billing Account Number 1	E
INIT	Initiator	Your name
Tel No INIT	Telephone Number INIT	Your telephone number
Fax No INIT	Fax No INIT	Your fax number
IMPCON	Implementation Contact	Your Name
Tel No IMPCON	Telephone Number IMPCON	Your Telephone number
Name-EU	Name End User	Test Account
SANO	Service Address House Number	1√
SASN	Service Address Street Name	Clec Test Bed√
SATH	Service Address Thoroughfare	RD√
City -EU	City End User Address	Bedford√
State - EU	State End User Address	KY√
Zip Code - EU	Zip Code End User Address	40045√
LNUM	Line Number	00001
TNS	Telephone Numbers	5022554130
LNA	Line Activity	P
PIC	Pre-designated Interexchange Carrier	0833
LPIC	Local Pre-designated Inter-exchange Carrier	5124

6.9 Test Case # 9: Port & Loop Combo –Partial Migration ACT=P & LNA=G

FIELDS	DEFINITIONS	INPUT
CCNA	Customer Carrier Name Abbreviation	ZXL
CC	Company Code	9999
PON	Purchase Order Number	CAVEEXCCASE3
ATN	Account Telephone Number	3054688847
SC	Service Center	LCSC
CIC	Carrier Identification Code	5124
DT/Sent	Date Sent	Input Date
DDD	Desired Due Date	Requested date of service
REQTYP	Request Type	MB
ACT	Activity Type	P
TOS	Type of service	1A-
BAN1	Billing Account Number 1	E
INIT	Initiator	Enter Data
Tel No INIT	Telephone Number INIT	Enter Data
Fax No INIT	Fax No INIT	Enter Data

FIELDS	DEFINITIONS	INPUT
IMPCON	Implementation Contact	Enter Data
Tel No IMPCON	Telephone Number IMPCON	Enter Data
Name-EU	Name End User	TEST ACCT
SANO	Service Address House Number	9056√
SASD	Service Address Street Directional	NW√
SASN	Service Address Street Name	41ST√
SATH	Service Address Thoroughfare	ST√
City -EU	City End User Address	MIA√
State - EU	State End User Address	FL
Zip Code - EU	Zip Code End User Address	33178√
EATN	Existing Account Telephone Number	3054688798
LNUM	Line Number	00001
TNS	Telephone Numbers	3054688847√
LNA	Line Activity	G
PIC	Predesignated Interexchange Carrier	NONE√
LPIC	Predesignated Local Carrier	NONE√
FEATURE ACTIVITY	Feature Activity	N
FEATURE	Feature being added	ESC
FEATURE ACTIVITY	Feature Activity	N
FEATURE	Feature being added	NSS
PQTY	Resale Quantity	002
DLNUM	Directory Listing Number	Enter 0001
LACT	Listing Activity	N
RTY	Record Type	LML
LTY	Listing Type	1
STYC	Style Code	SL
TOA	Type of Account	B
DOI	Degree of Indent	0
LTN	Listing Tel Number	3054688847
LNLN	Listed Name Last Name	Bedrock Cave
LANO	Listed Address Numb er	216
LASN	Listed Listed Address Street Name	Cousin
LATH	Listed Address Thoroughfare	ST
YPH	Yellow Page Heading	999001
SIC	Sic Co SIC Code	8711

6.10 Test Case # 10: Port & Loop Combo –Partial Migration ACT=P & LNA=V

FIELDS	DEFINITIONS	INPUT

Demonstration of TAG 7.7.0.1 Order & Pre-Order Integration Capability using Parsed CSR Response (January 2002)

CCNA	Customer Carrier Name Abbreviation	ZXL
CC	Company Code	9999
PON	Purchase Order Number	CAVEEXCCASE4
ATN	Account Telephone Number	7709465187
SC	Service Center	LCSC
CIC	Carrier Identification Code	5124
DT/Sent	Date Sent	Input Date
DDD	Desired Due Date	Requested date of service
REQTYP	Request Type	MB
ACT	Activity Type	P
TOS	Type of service	1A-
BAN1	Billing Account Number 1	E
INIT	Initiator	Enter Data
Tel No INIT	Telephone Number INIT	Enter Data
Fax No INIT	Fax No INIT	Enter Data
IMPCON	Implementation Contact	Enter Data
Tel No IMPCON	Telephone Number IMPCON	Enter Data
Name-EU	Name End User	TEST ACCT
SANO	Service Address House Number	302√
SASN	Service Address Street Name	CLEC TEST BED√
SATH	Service Address Thoroughfare	RD√
City -EU	City End User Address	HMPTN√
State - EU	State End User Address	GA
Zip Code - EU	Zip Code End User Address	30228√
EATN	Existing Account Telephone Number	7709465397
LNUM	Line Number	00001
TNS	Telephone Numbers	7709465187√
LNA	Line Activity	V
PIC	Predesignated Interexchange Carrier	NONE√
LPIC	Predesignated Local Carrier	NONE√
FEATURE ACTIVITY	Feature Activity	N
FEATURE	Feature being added	ESC
FEATURE ACTIVITY	Feature Activity	N
FEATURE	Feature being added	NSS
PQTY	Resale Quantity	002
DLNUM	Directory Listing Number	Enter 0001
LACT	Listing Activity	N
RTY	Record Type	LML
LTY	Listing Type	1
STYC	Style Code	SL
TOA	Type of Account	B
DOI	Degree of Indent	0
LTN	Listing Tel Number	7709465187
LNLN	Listed Name Last Name	Bedrock Cave

FIELDS	DEFINITIONS	INPUT
LANO	Listed Address Number	216
LASN	Listed Address Street Name	Cousin
LATH	Listed Address Thoroughfare	ST
YPH	Yellow Page Heading	999001
SIC	Sic Co SIC Code	8711

6.11 Test Case # 11: Port & Loop Combo –Full Migration ACT=V & LNA=G

Field	DEFINITIONS	INPUT
CCNA	Customer Carrier Name Abbreviation	ZXL
PON	Purchase Order Number	CAVEEXCCASE5
ATN	Account Telephone Number	9046417985
EATN	Existing Account Telephone Number	9046417985
SC	Service Center	LCSC
DT/Sent	Date Sent	Current or future date
DDD	Desired Due Date	Requested date of service
REQTYP	Request Type	MB
ACT	Activity Type	V
CC	Company Code	9999
TOS	Type of service	1B-
PQTY	Port Quantity	001
CIC	Carrier ID Code	5124
ERL	Retain End User Listing	Y
BAN1	Billing Account Number 1	E
INIT	Initiator	Your name
Tel No INIT	Telephone Number INIT	Your telephone number
Fax No INIT	Fax No INIT	Your fax number
IMPCON	Implementation Contact	Your name
Tel No IMPCON	Telephone Number IMPCON	Your telephone number
Name-EU	Name End User	Test Account
SANO	Service Address House Number	11317√
SASN	Service Address Street Name	Beach √
SATH	Service Address Thoroughfare	BLVD√
City -EU	City End User Address	JKVL√
State - EU	State End User Address	FL
Zip Code - EU	Zip Code End User Address	32246√
LNUM	Line Number	00001
TNS	Telephone Numbers	9046417985√
LNA	Line Activity	G
PIC	Pre-designated Inter-exchange Carrier	NONE√
LPIC	Pre-designated Local Carrier	NONE√

Field	DEFINITIONS	INPUT
FEATURE	Feature Being Deleted	ESC
FEATURE ACTIVITY	Feature Activity	N
FEATURE	Feature Being Deleted	ESX
FEATURE ACTIVITY	Feature Activity	N

6.12 Test Case # 12: Port & Loop Combo –Full Migration ACT=V & LNA=V

Field	DEFINITIONS	INPUT
CCNA	Customer Carrier Name Abbreviation	ZXL
PON	Purchase Order Number	CAVEEXCCASE6
ATN	Account Telephone Number	2294467920
EATN	Existing Account Telephone Number	2294467920
SC	Service Center	LCSC
DT/Sent	Date Sent	Current or future date
DDD	Desired Due Date	Requested date of service
REQTYP	Request Type	MB
ACT	Activity Type	V
CC	Company Code	9999
TOS	Type of service	1B-
PQTY	Port Quantity	003
HTGTY	Hunt Quantity	01
CIC	Carrier ID Code	5124
ERL	Retain End User Listing	Y
BAN1	Billing Account Number 1	E
INIT	Initiator	Your name
Tel No INIT	Telephone Number INIT	Your telephone number
Fax No INIT	Fax No INIT	Your fax number
IMPCON	Implementation Contact	Your name
Tel No IMPCON	Telephone Number IMPCON	Your telephone number
Name-EU	Name End User	Test Account
SANO	Service Address House Number	304√
SASN	Service Address Street Name	Pine√
SATH	Service Address Thoroughfare	Av√
City -EU	City End User Address	Alb√
State - EU	State End User Address	GA
Zip Code - EU	Zip Code End User Address	31701√
LNUM	Line Number	00001
TNS	Telephone Numbers	2294467920√
LNA	Line Activity	V
PIC	Pre-designated Inter-exchange Carrier	NONE√
LPIC	Pre-designated Local Carrier	NONE√
FEATURE	Feature Being Deleted	ESC

Demonstration of TAG 7.7.0.1 Order & Pre-Order Integration Capability using Parsed CSR Response (January 2002)

Field	DEFINITIONS	INPUT
FEATURE ACTIVITY	Feature Activity	N
FEATURE	Feature Being Deleted	NSS
FEATURE ACTIVITY	Feature Activity	N
LNUM	Line Number	00002
TNS	Telephone Numbers	2294468769√
LNA	Line Activity	V
PIC	Pre-designated Inter-exchange Carrier	NONE√
LPIC	Pre-designated Local Carrier	NONE√
FEATURE ACTIVITY	Feature Activity	N
FEATURE	Feature Being Deleted	NSS
LNUM	Line Number	00003
TNS	Telephone Numbers	2294461494
LNA	Line Activity	N
PIC	Pre-designated Inter-exchange Carrier	NONE
LPIC	Pre-designated Local Carrier	NONE
HNUM	Hunting Number	0001
HA	Hunting Group Activity	N
HID	Hunting Group Identifier	N√
HNTYP	Hunt Type Code	2
HTSEQ	Hunt Sequence	0001
HLA	Hunt Line Activity	N
HT	Hunting Telephone Number	2294467920
NOTYP	Number Type	T
HTSEQ	Hunt Sequence	0002
HLA	Hunt Line Activity	N
HT	Hunting Telephone Number	2294468769
NOTYP	Number Type	T
HTSEQ	Hunt Sequence	0003
HLA	Hunt Line Activity	N
HT	Hunting Telephone Number	2294461494
NOTYP	Number Type	T

7. Attachment D

7.1 CSRQ Test Status Reports

TC #	Request Scenario	ST	Req Type	Activity Type	TN(s)/Serv Address	Comments/ Dependencies
a	Execute a CSIQ by ATN Expected Result: Receive Customer Info.	FL	CSRQ	ATN	TN=5619247960	Response received
b	Execute a CSIQ by ATN Expected Result: Receive Customer Info.	TN	CSRQ	AN	TN=731-658-5846	Response received
c	Execute a CSIQ by ATN Expected Result: Receive Customer Info.	GA	CSRQ	ATN	TN=770-946-9511	Response received
d	Execute a CSIQ by ATN Expected Result: Receive Customer Info.	MS	CSRQ	AN	TN-601-679-1658	Response received
e	Execute a CSIQ by ATN Expected Result: Receive Customer Info.	MS	CSRQ	ATN	TN-662-365-7097	Response received
f	Execute a CSIQ by ATN Expected Result: Receive Customer Info.	GA	CSRQ	AN	TN-404-633-1750	Response received

7.2 Phase 1 Test Status Reports

TC #	Request Scenario	ST	Req Type	Activity Type	Feature	PON(s)	TN(s)/Serv Address	Comments/ Dependencies
1	Full Migration of business account with a calling feature and ERL=Y.	FL	MB	Full Migration (V)		6701011214180640	TN=5619247960	FOC and COMPLETION
2	Full Migration of business account with a calling feature and ERL=Y.	TN	MB	Full Migration (V)		1801011214102710	TN=731-658-5846	FOC and COMPLETION
3	Full Migration of business account with Call Block and ERL=Y.	GA	EB	Full Migration (V)		1801011216125400	TN=770-946-9511	FOC and COMPLETION
4	Full Migration of business account with Three Way Calling and ERL=Y.	MS	EB	Full Migration (V)		5801011214181500	TN-601-679-1658	FOC and COMPLETION
5	Full Migration of 3 lines to 3 SL1 Loops	MS	AB	Full Migration (V)	NA	9001011216081940	TN-662-365-7097	FOC and COMPLETION
6	Conversion as Specified- SL2 Loops	GA	AB	Full Migration (V)	NA	3801011216080740	TN-404-633-1750	FOC and COMPLETION

7.3 Phase 2 Test Status Reports

TC #	Test case	Scenario	ST	Expected Result
7	Request Type = MB (UNE-P) ACT=C LNA=C	Change to Port Loop business account adding Call Waiting.	KY	FOC
8	Request Type = MB (UNE-P) ACT=C LNA=C	Change to Port Loop business account changing PIC and LPIC.	KY	FOC
9	Request Type = MB (UNE-P) ACT=P, LNA=G	Partial Migration of Port Loop business account (one line) with features.	FL	FOC
10	Request Type = MB (UNE-P) ACT=P, LNA=V	Partial Migration of Port Loop business account (one line) with features.	GA	FOC
11	Request Type = MB (UNE-P) ACT=V, LNA=G	Full Migration of Port Loop single business account with features.	FL	FOC
12	Request Type = MB (UNE-P) ACT=V, LNA=V	Full Migration of Port Loop multi line business account adding new line, with features and hunting.	GA	FOC